

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-233005

(43)Date of publication of application : 27.08.1999

(51)Int.Cl.

H01J 9/02

(21)Application number : 10-031889

(71)Applicant : CANON INC

(22)Date of filing : 16.02.1998

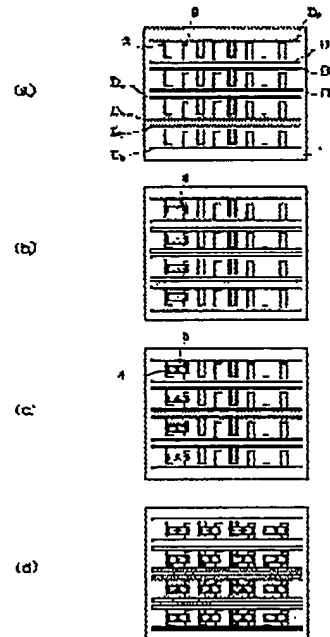
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(54) ELECTRON SOURCE, IMAGE FORMING DEVICE AND THEIR MANUFACTURING METHOD AND MANUFACTURING DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To improve a dispersion of electron emission characteristics of each element, in an electron source composed by arranging electron-emissive elements both in plural rows and in plural columns.

SOLUTION: This manufacturing method is so composed that conductive films 4 and electron-emissive parts 5 are formed in all elements, by repeating, per each element column, such a process that wiring, D1 to D8, and element electrodes, 2 and 3, are formed on a substrate 1, and then the conductive films 4 are formed in the elements in the first column, and also the electron-emissive parts 5 are formed by applying a voltage to each wiring and by performing a forming treatment to the conductive films 4.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]